

Fig. 1

		EC ₅₀ values (μm)	
		Group I mGluRs	
		mGluR1a	mGluR5a
	Glu	4.9 ± 0.21	3.1 ± 0.23
	ACPD	15 ± 2.2	23 ± 2.6
	AP4	NE	NE
BcACPD	DHS-4-79	8.4 ± 0.88	5.5 ± 0.73
	6c	121 ± 10	57 ± 6
	6d	>1000	>1000
	6a	232 ± 23	91 ± 11
	6b	1.6 ± 0.14	0.72 ± 0.11

		Group II mGluRs	
		mGluR2	mGluR3/1a
	Glu	0.29 ± 0.07	1.9 ± 0.31
	ACPD	2.0 ± 0.3	40 ± 5.8
	AP4	NE	NE
BcACPD	DHS-4-79	1.2 ± 0.14	13 ± 1.8
	6c	54 ± 9	185 ± 87
	6d	>1000	>1000
	6a	38 ± 10	255 ± 84
	6b	0.33 ± 0.06	2.2 ± 1.5

		Group III mGluRs	
		mGluR4a	mGluR6
	Glu	9.8 ± 0.81	4.9 ± 0.37
	ACPD	~ 800	82 ± 6.2
	AP4	0.33 ± 0.087	0.28 ± 0.025
BcACPD	DHS-4-79	82 ± 8.6	29 ± 16
	6c	~1000	~ 800
	6d	>1000	>1000
	6a	>1000	>1000
	6b	23 ± 7.1	5.3 ± 0.93

Fig. 5

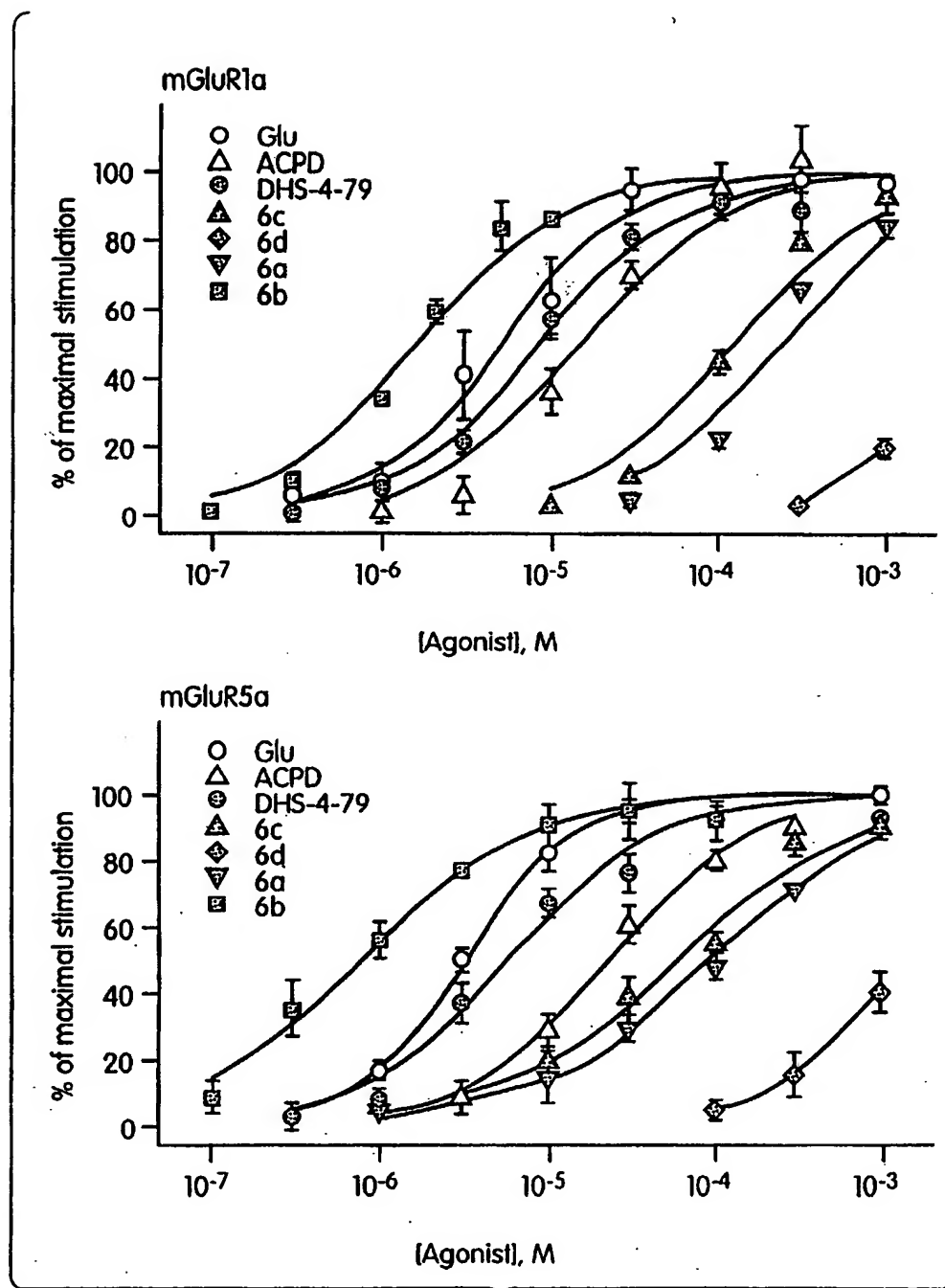


Fig. 6

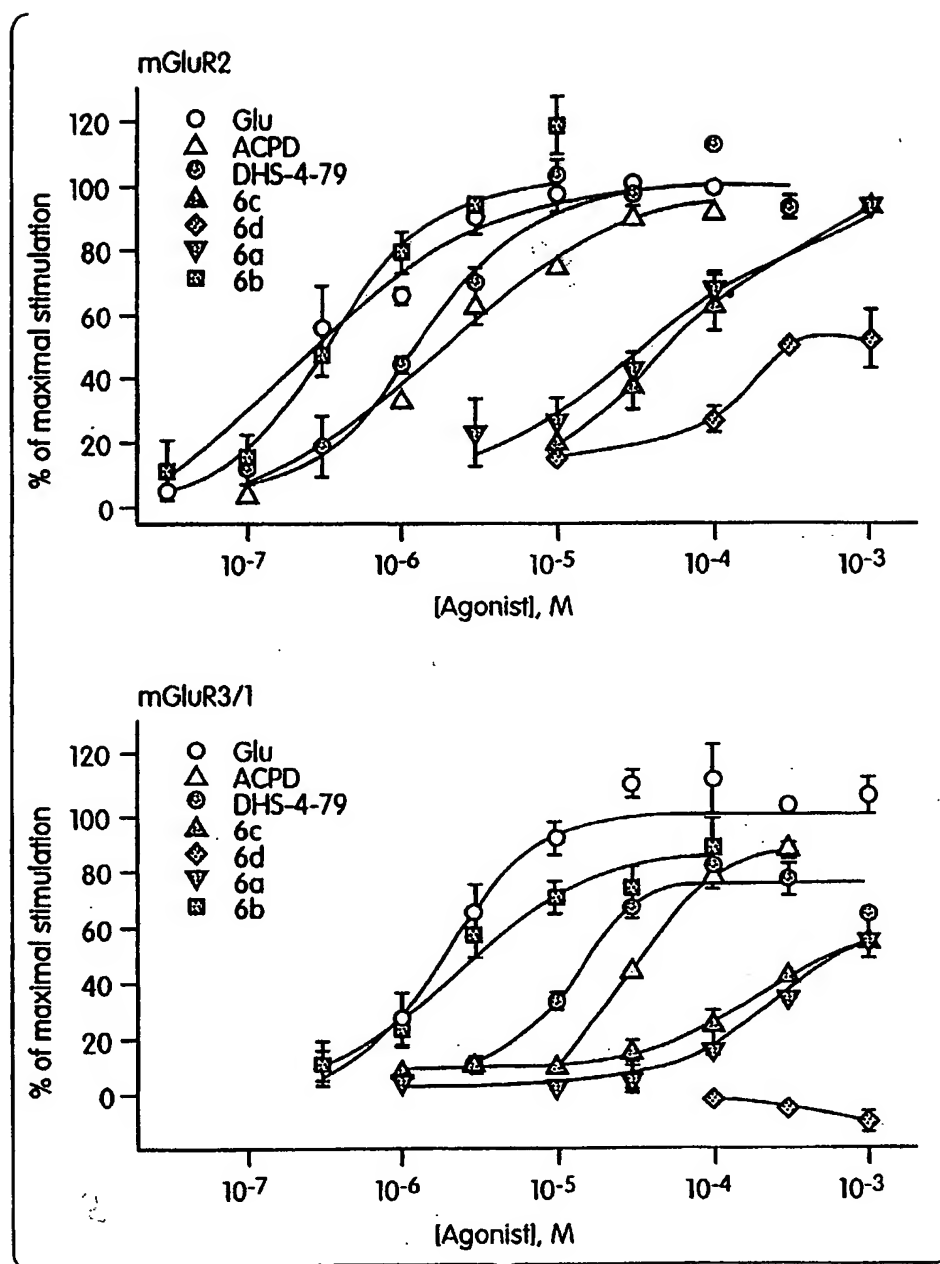


Fig. 7

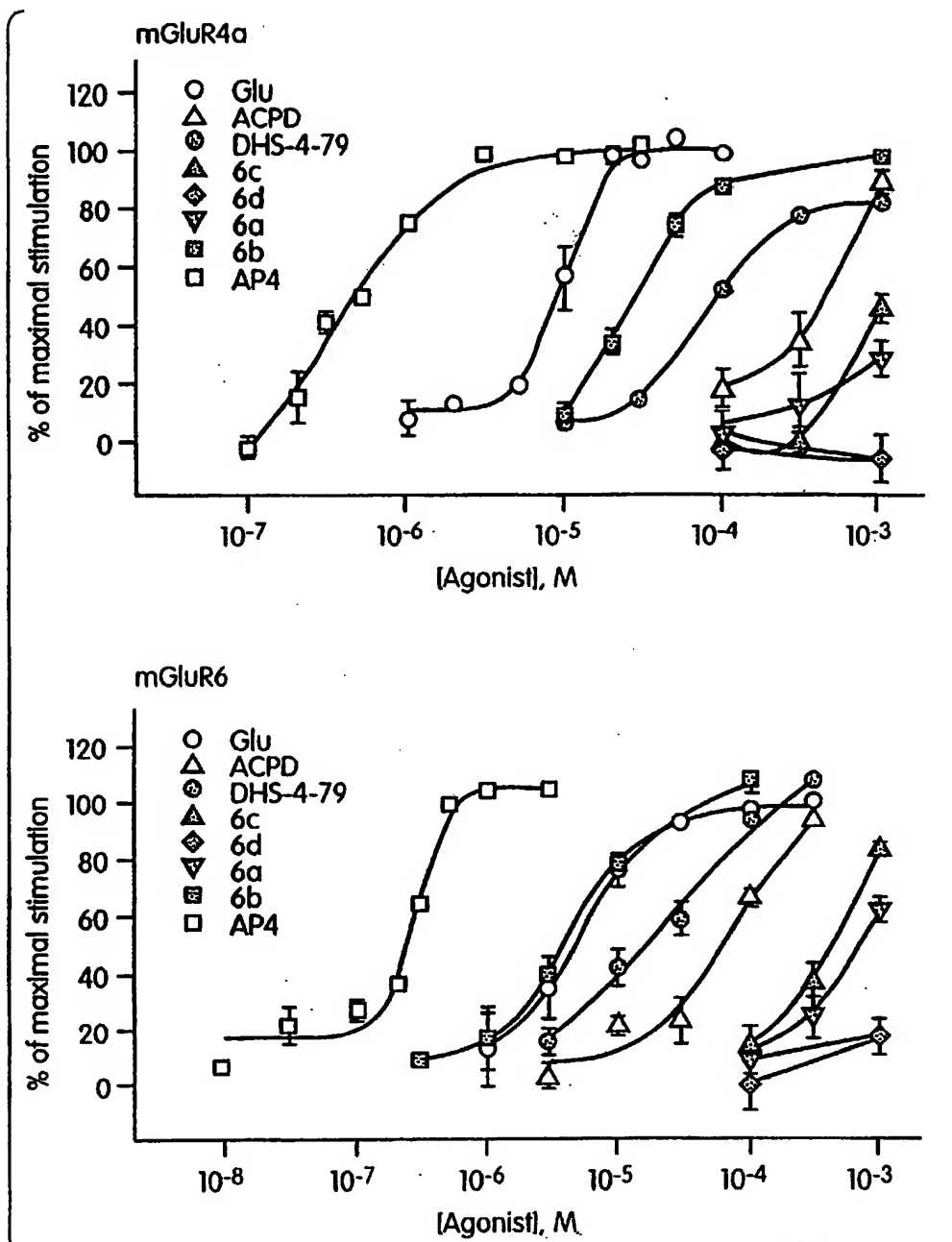


Fig. 8

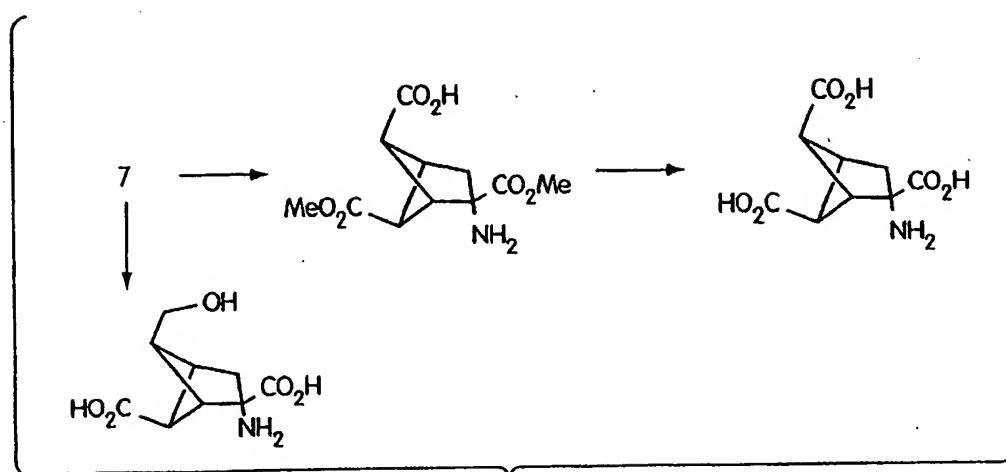
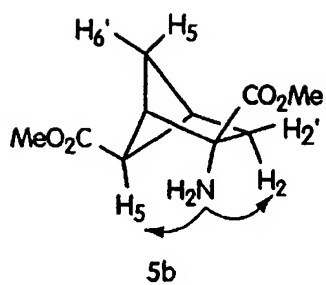
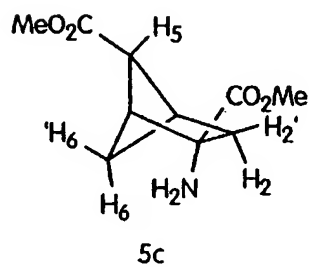


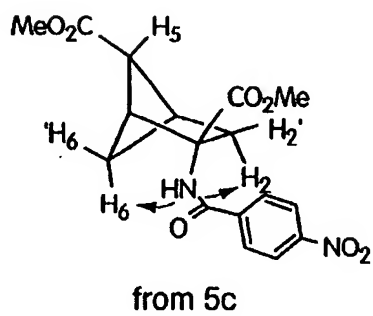
Fig. 10



feature
 $J_{5,6} = 7.8 \text{ Hz}$ (w-coupling)
 nOe between H₅ and amino group; H₂ and amino group



feature
 $J_{5,6} = 8.1 \text{ Hz}$ (w-coupling)



feature
 nOe between H₆ and amide-H; H₂ and amide-H

Fig. 11

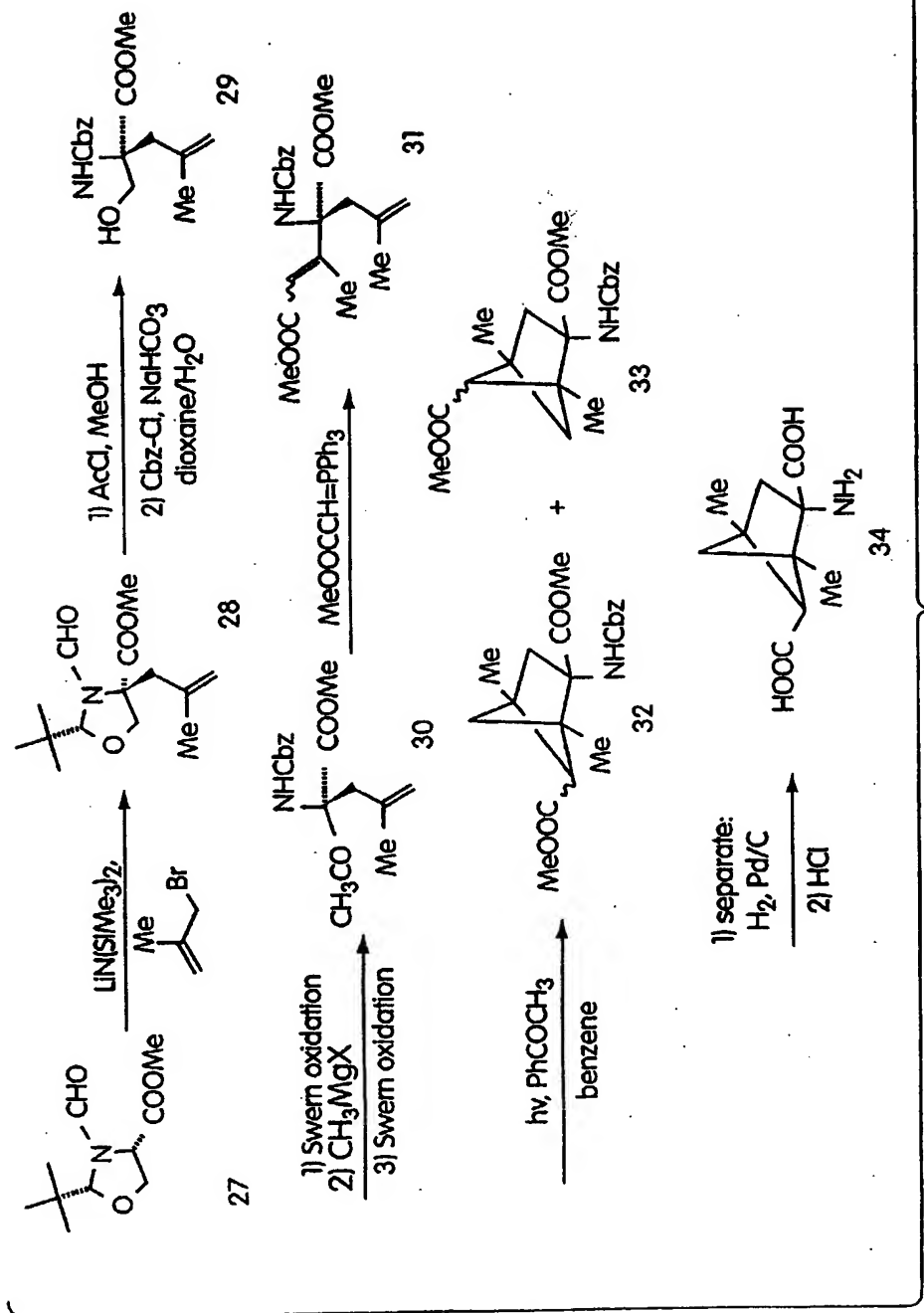


Fig. 12

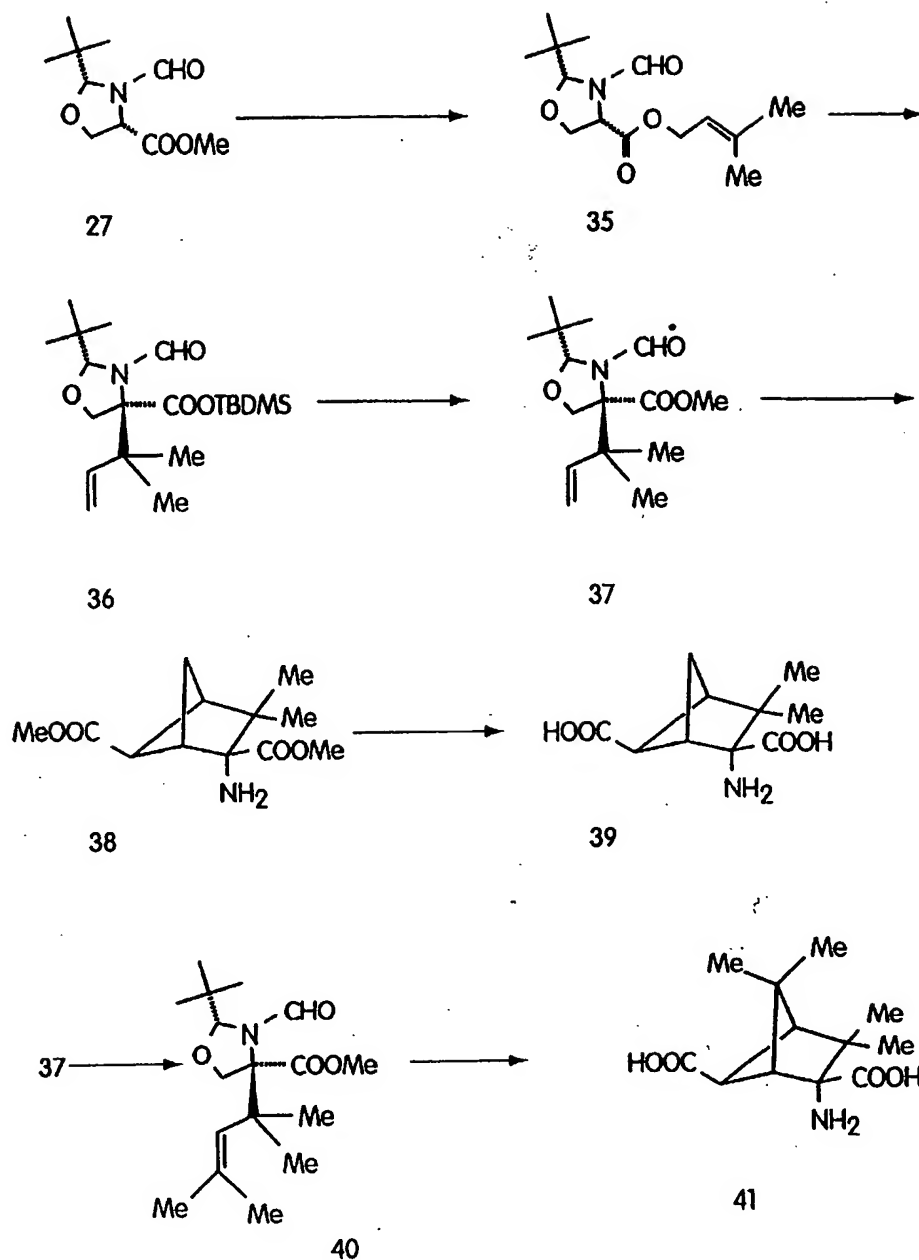


Fig. 13

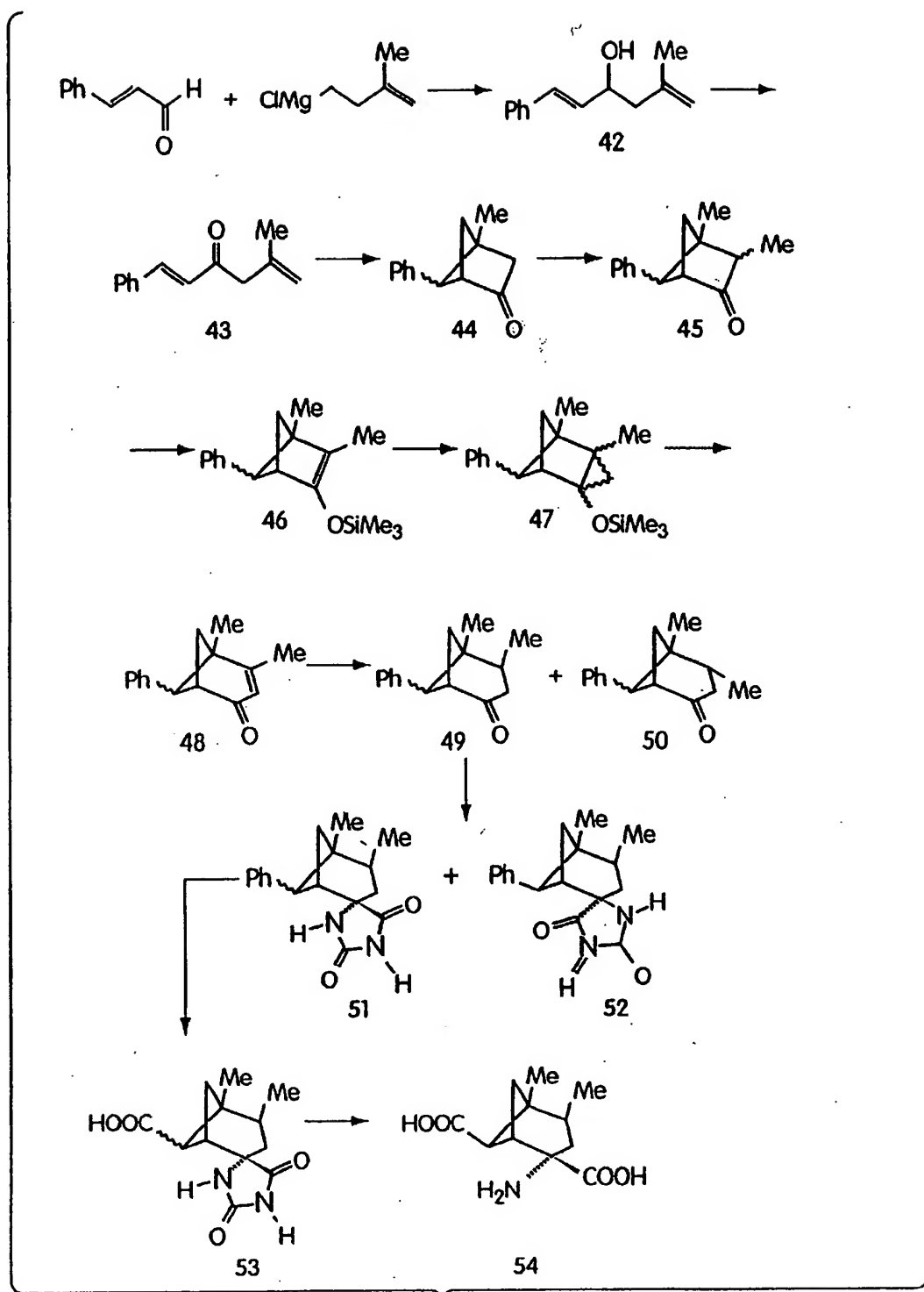


Fig. 14

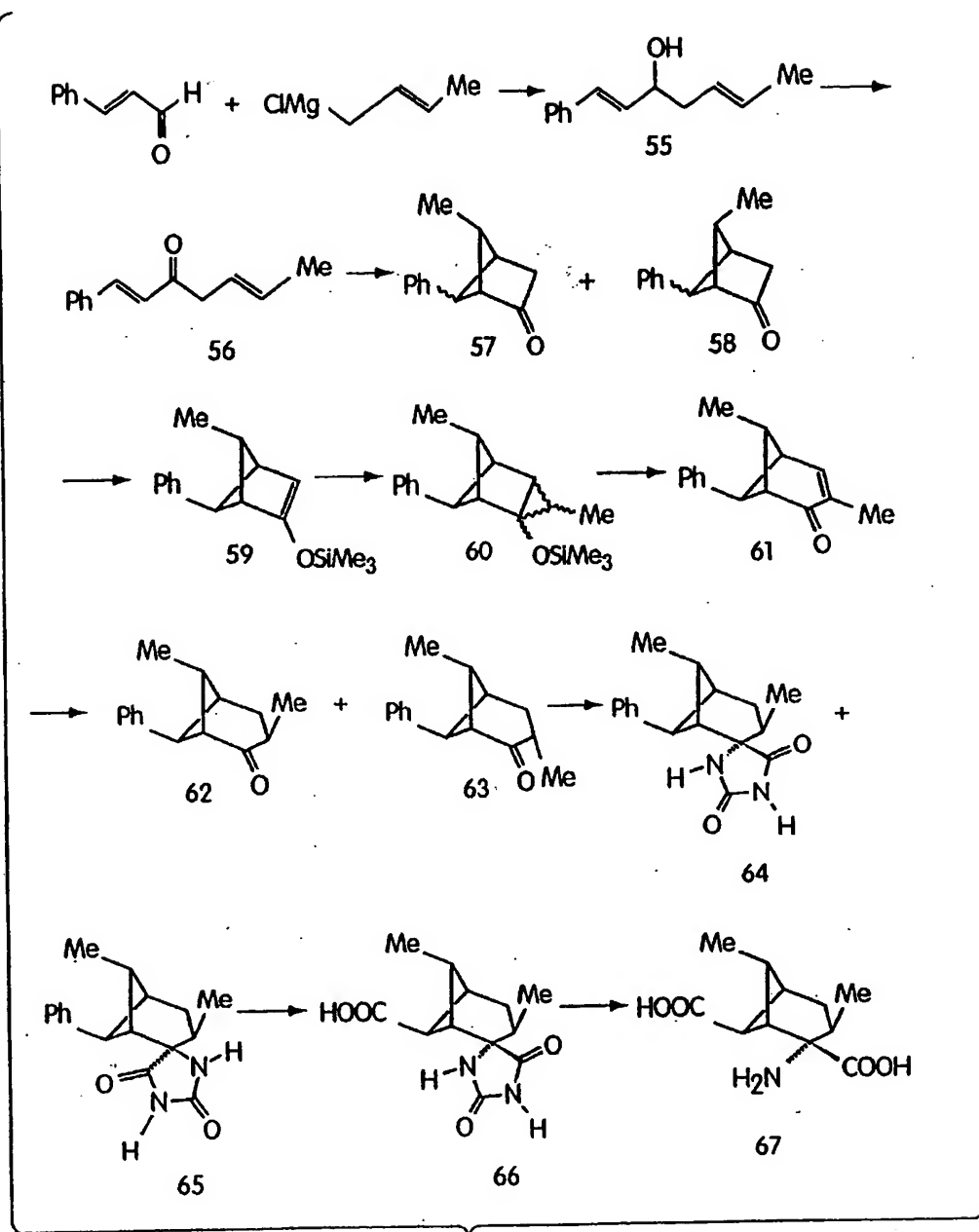


Fig. 15

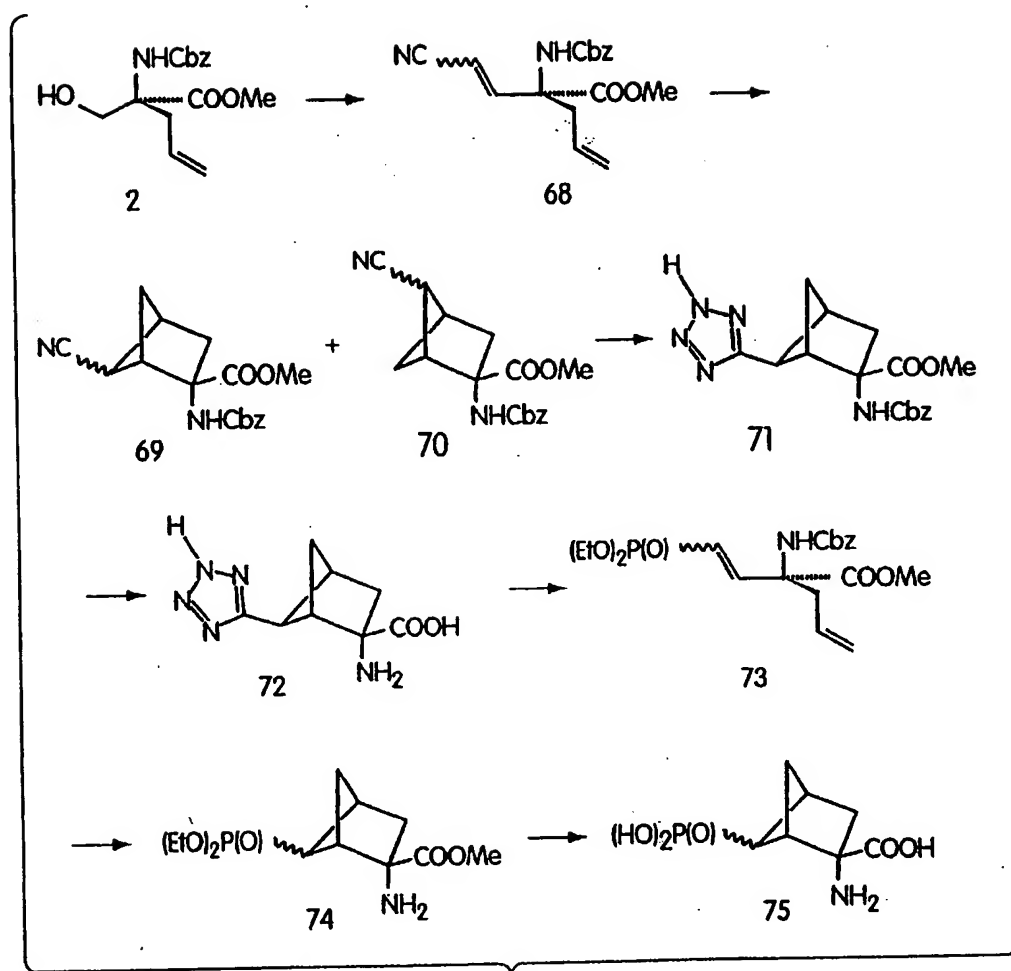


Fig. 16